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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,324	04/22/2005	Thierry Caldini	259647US2PCT	7537
22850 7590 02/29/2008 OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			EXAMINER RAMAKRISHNAIAH, MELUR	
			ART UNIT 2614	PAPER NUMBER
			NOTIFICATION DATE 02/29/2008	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 10/509,324	Applicant(s) CALDINI ET AL.	
	Examiner Melur Ramakrishnaiah	Art Unit 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 12-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 17-24 is/are allowed.
- 6) ☒ Claim(s) 12-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>1-16-2005</u> . | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bissonnette (WO9403020) in view of Hino et al. (US PAT: 7,237,029, filed 7-27-2001, hereinafter Hino).

Regarding claim 12, Bissonnette discloses a multimedia mobile terminal (fig. 1, page 2, line 35 to page 3, line 2) comprising: a processor (21, fig. 1), a program memory and data memory in (20, page 3 lines 7-11), a voice activated remote control device with a microphone, a voice recognition module, and a lexical analyzer (page 3, lines 10-20; page 10, line 30 to page 11, line 9), a communication module configured to control equipment via wireless link (page 3, lines 21-36), and a manual input device (3, fig. 1), and a screen (10, fig. 1) and a speaker (fig. 1).

Bissonnette differs from claim 1 in that he does not teach home gateway for controlling plurality of equipment from home local network.

However, Hino discloses remote control system and home gateway apparatus which teaches: home gateway (reads on 10, fig. 1) for controlling plurality of equipment (31/32, fig. 1) from home local network (30, col. 6 lines 41 – 67).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Bissonnette's system to provide for the following: home

gateway for controlling plurality of equipment form home local network as this arrangement would facilitate to remotely control plurality of equipment as taught by Hino, thus improving user's ability to control plural equipments.

3. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bissonnette in view of Hino as applied to claim 12 above, and further in view of Fortunato et al. (WO95/25326, hereinafter Fortunato).

The combination differs from claim 12 in that it does not teach screen is equipped with touch input properties.

However, Fortunato discloses voice/pointer operated system which teaches: screen (16, fig. 1) is equipped with touch input properties (abstract).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: screen is equipped with touch input properties as this arrangement would provide another well known user input interface to input commands as taught by Fortunato.

4. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bissonnette in view of Hino as applied to claim 12 above, and further in view of Ferris et al. (WO01/73720 A1, hereinafter Ferris).

The combination differs from claim 14 in that he does not teach: wireless link is an IEEE 802.11 type link or Bluetooth type link or any other type of radio transmission supporting IP protocol.

However, Ferris discloses remote control interface for converting radio remote control signals into infrared control signals which teaches: wireless link is Bluetooth type link transmission supporting IP protocol (fig. 1 page 4 lines 1-21).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: wireless link is an IEEE 802.11 type link or Bluetooth type link or any other type of radio transmission supporting IP protocol as this arrangement would facilitate to provide another well known means for transmitting control signals as taught by Ferris.

5. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bissonnette in view of Hino as applied to claim 12 above, and further in view of Mingot et al. (US PAT: 6,762,692, hereinafter Mingot).

The combination differs from claim 15 in that it does not teach: enabling feedback when the terminal is configured to interpret a command order from one or more of the items of equipment.

However, Mingot discloses system comprising a remote controlled apparatus and voice-operated remote control device for the apparatus which teaches: enabling feedback when the terminal is configured to interpret a command order from one or more of the items of equipment (abstract).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify the combination to provide for the following: enabling feedback when the terminal is configured to interpret a command order from one or

more of the items of equipment as this arrangement would facilitate the user to select the right word for controlling equipment as taught by Mingot.

6. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bissonnette in view of Hino and Ferris.

Bissonnette discloses mobile terminal comprising: a processor (21, fig. 1), a program memory and data memory in (20, page 3 lines 7-11), a voice activated remote control device with a microphone, a voice recognition module, and a lexical analyzer (page 3, lines 10-20; page 10, line 30 to page 11, line 9), a communication module configured to control equipment via wireless link (page 3, lines 21-36), and a manual input device (3, fig. 1), and a screen (10, fig. 1) and a speaker (fig. 1).

Bissonnette differs from claim 1 in that he does not teach home gateway for controlling plurality of equipment from home local network and wireless link is an IEEE 802.11 type link or Bluetooth type link or any other type of radio transmission supporting IP protocol.

However, Hino discloses remote control system and home gateway apparatus which teaches: home gateway (reads on 10, fig. 1) for controlling plurality of equipment (31/32, fig. 1) from home local network (30, col. 6 lines 41 – 67); and Ferris discloses remote control interface for converting radio remote control signals into infrared control signals which teaches: wireless link is Bluetooth type link transmission supporting IP protocol (fig. 1 page 4 lines 1-21).

Thus, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Bissonnette's system to provide for the following: home

gateway for controlling plurality of equipment form home local network as this arrangement would facilitate to remotely control plurality of equipment as taught by Hino, thus improving user's ability to control plural equipments; and wireless link is an IEEE 802.11 type link or Bluetooth type link or any other type of radio transmission supporting IP protocol; as this arrangement would facilitate to provide another well known means for transmitting control signals as taught by Ferris.

7. Claims 17-24 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melur Ramakrishnaiah whose telephone number is (571)272-8098. The examiner can normally be reached on 9 Hr schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curt Kuntz can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2614

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Melur Ramakrishnaiah
Primary Examiner
Art Unit 2614